

### ABSTRACT

A web-based data access system is described that allows users to securely access, manipulate and share information. The data access system includes a database that stores multidimensional data and transactional data. A server presents a user interface for setting access rights to members of the multidimensional data and access rights to transactional data. The server presents a web-based interactive environment for creating electronic reports from the multidimensional data. A page generation module executing on the server generates web pages for the environment based on the set access rights. The page generation module formats the web pages to permit an author of the electronic report to include only the accessible dimensions and members in the electronic report according to the set access rights.